

IN THE CLAIMS:

1. – 35. (Cancelled)

36. (Previously Presented) A device for detecting the presence of a chemical leakage, the device comprising an indicator element which is held in a first position by means of a failure element which is held in tension, the failure element being made of a material which fails in the presence of the chemical leakage, thereby releasing the indicator element from its first position and allowing it to move into a second position in order to provide an indication of the presence of the leakage, wherein the failure element comprises a number of different materials arranged in series and/or in parallel.

37. (Previously Presented) The device according to claim 36, wherein the indicator element is held in the first position by a biasing force, the biasing force acting to move the indicator element to the second position upon failure of the failure element.

38. (Previously Presented) The device according to claim 37, wherein the biasing force is provided by the resilience of the indicator element.

39. (Previously Presented) The device according to claim 38, wherein the resilient indicator element is a spring which is fixed to the failure element, the spring being under compression, such that the failure element is under tension.

40. (Previously Presented) The device according to claim 36, wherein the failure element is a tubular member.

41. (Previously Presented) The device according to claim 40, wherein the tubular member is sealed, the inside of the tubular member is maintained at a pressure other than atmospheric, and means are provided to monitor this pressure to determine the integrity of the tubular member.

42. (Cancelled)

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43. (Previously Presented) The device according to claim 36, wherein the failure element is made of a material which changes its appearance in the presence of the leak.

44. (Previously Presented) The device according to claim 36, wherein the indicator element is held in the first position by a biasing force and wherein a further force, which is strong enough to override the biasing force is arranged to act on the indicator element to move it to the second position upon failure of the failure element.

45. (Cancelled)

46. (Previously Presented) The device according to claim 44, wherein the failure element and indicator element are arranged to be supported vertically, wherein the further force is gravity.